GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Public Services - Roads & Buildings Department - Vigilance Report - "widening and strengthening of Narsipatnam - Devipatnam road from KM 7/4 to 12/0, 16/0 to 17/0, 21/0 to 25/0 and 29/5 to 30/0 in Narsipatnam Assembly Constituency, Anakapalli District" - Sanctioned Departmental Proceedings against Sri M.S.V.G.Prasad, AEE., K.D.Peta Section, Narsipatnam Sub-Division, Anakapalli District - Article of Charges framed under Rule 20 of A P. Civil Services(CC&A) Rules, 1991 - Orders - Issued

TRANSPORT ROADS & BUILDINGS (VIG.R&B) DEPARTMENT

G.O.RT.No. 489 Dated: 16-09-2025
Read the following:-

1.From the Director General (Vig. & Enft.) & E.O.Prl. Secretary to Govt., General Administration (V&E) Department, Vigilance Report No.03 (C.No.4835/V&E/Engg./2024-1), dated 12.02.2025.
2. G.O.Ms.No.21, Transport, Roads & Buildings (Vig.R&B) Department, dt.30.04.2025.

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ORDER:

It is proposed to hold an inquiry against Sri M.S.V.G.Prasad, AEE., K.D.Peta Section, Narsipatnam Sub-Division, Anakapalli District on certain irregularities noticed in execution of the work "widening and strengthening of Narsipatnam - Devipatnam road from KM 7/4 to 12/0, 16/0 to 17/0, 21/0 to 25/0 and 29/5 to 30/0 in Narsipatnam Assembly Constituency, Anakapalli District" in accordance with the procedure laid down in Rule 20 of the Andhra Pradesh Civil Services (CC&A) Rules, 1991.

2. The substance of the imputations of misconduct or misbehavior in respect of which the inquiry is proposed to be held, is set out in the enclosed statement of articles of charges (Annexure-1). A statement of the imputations of misconduct or mis-behavior in support of each article of charge is enclosed (Annexure-II), A list of documents by which, and a list of witnesses by whom, the articles of charges are proposed to be sustained are also enclosed (Annexure-III and IV).

3. Sri M.S.V.G.Prasad, AEE., K.D.Peta Section, Narsipatnam Sub-Division, Anakapalli District is directed to submit his written statement of defense within 10 days from the date of receipt of these orders.

4. He is informed that an inquiry will be held only in respect of those articles of charges as are not admitted. He should, therefore specifically admit or deny each article of charge.

5. Sri M.S.V.G.Prasad, AEE., K.D.Peta Section, Narsipatnam Sub-Division, Anakapalli District is further informed that if he does not submit his written statement of defense on or before the date specified in para- 3 above, or does not appear in person before the inquiring authority or otherwise fails or refuses to comply with the provisions of Rules 20 of Andhra Pradesh Civil Services (CC&A) Rules, 1991, or the orders/directions issued in pursuance of the said rules, the inquiring authority may hold the inquiry against him exparte, based on the material available on record.

6. Sri M.S.V.G.Prasad, AEE., K.D.Peta Section, Narsipatnam Sub-Division, Anakapalli District is invited to Rule 24 of the Andhra Pradesh Civil Services (Conduct) Rules, 1964, under which no Government servant shall bring or attempt to bring any political or outside

influence to bear upon any superior authority to further his interest in respect of matters pertaining to his service under the Government. If any representation is received on his behalf from another person in respect of any matter dealt with these proceedings, it will be presumed that, Sri M.S.V.G.Prasad, AEE., K.D.Peta Section, Narsipatnam Sub-Division, Anakapalli District is aware of such a representation and that it has been made at his instance and action will be taken against him for violation of Rule 24 of the Andhra Pradesh Civil Services (Conduct) Rules, 1964.

7. The receipt of this order shall be acknowledged along with Annexure-I, II, III & IV forthwith.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

MOVVA TIRUMALA KRISHNA BABU
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To
Sri M.S.V.G.Prasad, AEE., K.D.Peta Section, Narsipatnam Sub-Division, Anakapalli District **through** the Engineer-in-Chief (R&B) Administration, A.P., Vijayawada.
The Engineer-in-Chief (R&B) Administration, A.P., Vijayawada. (with a request to serve the said copies to the concerned Official and obtain dated acknowledgement from them and furnish the same to the Government for record).

Copy to:
The Secretary to Vigilance Commissioner, APVC, A.P. Secretariat.
The Director General (Vig. & Enft.), Vijayawada.
The OSD to Hon'ble Minister (R&B), A.P. Secretariat.
Sf/Sc.

//FORWARDED:: BY ORDER//

SECTION OFFICER

ANNEXURE-I

Statement of Articles of Charge framed against Sri M.S.V.G.Prasad, the then AEE, K.D.Peta Section, Narsipatnam Sub Division, Anakapalli District.

Article

That the said Sri M.S.V.G. Prasad, the then AEE, K.D.Peta Section, Narsipatnam Sub Division, Anakapalli District has committed the following irregularities:

i) Executed and recorded substandard quality of work with oversize metal & shortfall in thickness for an amount of Rs.1,344/-& Rs.1,15,614/-respectively in GSB layer in Sub Work-1.

ii) Executed and recorded substandard quality of work with oversize metal for an amount of Rs.1,356/ in GSB layer in Sub Work-2.

iii) Executed and recorded substandard quality of work with undersize metal for an amount of Rs.6,362/- In WMM layer in Sub Work-3.

iv) Executed and recorded substandard quality of work with Shortfall in thickness deficiency in Bitumen quantity for an amount of Rs.43,397/- in BM layer & Rs.2, 15,422/- in BM & BC layers in Sub Work-7.

Thus he has violated the Rules 3(1) & 3(2) of AP Civil Services (Conduct) Rules, 1964for lack devotion to duty, lack of integrity and for behaving in a manner unbecoming of a government and disciplinary action taken under APCS (CC&A) Rules 1991.

MOVVA TIRUMALA KRISHNA BABU
SPECIAL CHIEF SECRETARY TO GOVERNMENT

//FORWARDED::BY ORDER//

SECTION OFFICER

ANNEXURE-II

Statement of Articles of Charge framed against Sri M.S.V.G.Prasad, the then AEE, K.D.Peta Section, Narsipatnam Sub Division, Anakapalli District.

The Vigilance & Enforcement Department conducted an enquiry into the contents of the petition received from Sri Ch. PattennaChowdary, O.S.D. to the Hon'ble Speaker, A.P. Legislative Assembly on the allegations of irregularities in execution of the Narsipatnam-Devipatnam road work in Narsipatnam Assembly Constituency (Now Anakapalli District). (Copy of the petition is enclosed as Annexure-A1).

The details of enquiry are as follow:

1.0 ALLEGATIONS:

The following are the main verifiable allegations:

i) The work was divided into 11 bits as 9 Road Works and 3 Culvert works, without proper permission from the Government.
ii) Road work was completed without construction of 3 Culverts.
iii) The Road was laid without shoulders on both sides.
iv) The bitumen used is of inferior quality.
v) Neither the SE/EE/Dy.EE/AE concerned supervised the works, nor did they check the sub-standard road work being executed.
vi) The concerned Q.C. Wing recommended for recovery of Rs.2,93,854/- from the Contractor towards deficiencies in quality and the action on this is not yet initiated by the S.E., R&B, Visakhapatnam.

2.0 BACK GROUND:

The Narsipatnam-Devipatnam Road is the most important State Highway. The road is having single lane carriageway from Km 7/4 to 12/0, 16/0 to 17/0,21/0 to 25/0 and 29/5 to 30/0. Vehicular traffic difficulties were being faced due to intermittent single/narrow road cross sections. The available land width is 30.00 M from Km 7/4 to 12/0, 16/0 to 17/0, 21/0 to 25/0 and 29/5 to 30/0. The R&B department proposed for widening and strengthening to upgrade the existing carriageway from single lane to double lane, along with reconstruction of weak and narrow culverts.

The Government accorded administrative sanction for the work viz. "Widening and strengthening of Narsipatnam - Devipatnam road from KM 7/4 to 12/0, 16/0 to 17/0, 21/0 to

25/0 and 29/5 to 30/0 in Visakhapatnam District" for Rs.1200.00 lakhs under Corenet plan Grant vide G.O.Rt.No.186 of Transport, Roads & Buildings (R.IV) Dept., Dt:27-06-2017. (Copy of the G.O. is appended as Annexure-A2).

3.0 V&E OBSERVATIONS:

i. The Chief Engineer, (R&B), SH&MD, APRDC, Vijayawada accorded technical sanction for the work viz. "Widening and Strengthening of Narsipatnam-Devipatnam road from KM 7/4 to 12/0, 16/0 to 17/0, 21/0 to 25/0 and 29/5 to 30/0 in Visakhapatnam District" for Rs.1200.00 lakhs (with SSR 2018-19) under Corenet plan Grant. (Copy of the technical sanction is enclosed as Annexure-A3).

ii. The Commissionerate of Tenders (COT) in its minutes of meeting Dt: 19-04-2018 with respect to the subject work as Agenda No.27 observed the following:

a) The tender for the subject work was issued vide NIT No.40/Core Network/MD, APRDC/2017-18, Dt:21-08-2017 through e-procurement market place. In response to the tender notice, five tenders received online. During the Technical Bid Evaluation, two tenders were disqualified and three tenders were qualified for opening price bids.

b) The Superintending Engineer, R&B Circle, Visakhapatnam has opened the Price Bids of the three qualified bidders and found that, M/s KCP Engineers Private Limited stood as L1 bidder with (+) 4.00% excess over the ECV i.e. for Rs.9,31,53,467.68.

c) The Engineer-in-Chief(R&B), SH, EAP, CP GMD, APRDC, Vijayawada has reported that, Land Acquisition was "Not required".

d) The Engineer-in-Chief(R&D), SH, EAP, CP BMD, APRDC, Vijayawada has recommended to the COT for acceptance of L-2 qualified tender of M/s N. Nageswara Rao & Co. having agreed to do the work at L-1 quoted (+)4.00% excess over the ECV of Rs.8,95,70,642/- based on the common SSR 2016-17 computing to TCV of Rs.9,31,53,467,68/- as the L-1 has not agreed for extension of bid validity.

e) The members of the COT expressed displeasure on the abnormal delay in opening of price Bids as the price bids were opened on 11.12.2017 i.e. Just 3 days before expiry of original Bid validity as against to the scheduled date of opening of price bids was 18.09.2017 and resulted in two bidders to quit from the tenders and opined that, the tenders would have been submitted well within the bid validity period to the COT for finalization, so as to avoid quitting of participated bidders from the tenders.

f) The members of the tender committee decided to return the tenders to the Engineer-in-Chief (R&B), SH, CP&MD, APRDC, Vijayawada with a request to recall the tenders. (Copy of the COT minutes is appended as Annexure-A4).

iii. The tenders for the subject work were invited again (2nd Call) vide NIT No. 15/Core network/MD, APRDC/2018-19(2nd Call), Dt:06-06-2018 of the by the Engineer-in-Chief (R&B), SH&MD, APRDC, Vijayawada and in response, no bidders have participated in the tender for the subject work in the 2nd Call. The same was informed by the then Superintending Engineer, R&B Circle, Visakhapatnam vide Lr.No.15/Corenet Rd/Plan/ND Rd/AEE2/2018, Dt:29-06-2018 to the Engineer-in-Chief, (R&B), SH&MD, APRDC, Vijayawada. (Copy of the letter is appended as Annexure-A5).

iv. The tenders were again invited (3rd Call) for the subject work vide NIT No.21/Corenetwork/MD, APRDC/2018-19(3rd Call) Dt: 18-07-2018.

v. The Engineer-in-Chief(R&B), SH&MD, APRDC, Vijayawada instructed the then

Superintending Engineer, R&B Circle, Visakhapatnam to cancel the tenders as the estimate for the subject work was sanctioned based on SSR 2016-17 duly incorporating VAT 65%. He further instructed to submit the estimate duly recasting with SSR 2018-19 & GST duly considering present site conditions vide Memo No.40/VZG/PD/EE(PPP)/DEE3/AEE2/2017, Dt:12-09-2018. (Copy of the letter is appended as Annexure-A6).

vi. The Engineer-in-Chief(R&B), SH&MD, APRDC, Vijayawada accorded Revised Technical Sanction for an amount of Rs. 1200.00 lakhs with instructions to verify the design of Culverts & Retaining Wall before commencement of work vide Memo.No.10418/VZG/PD/EE(PPP)/DEE3/AEE2/2018, Dt:28-09-2018. (Copy of the Memo is appended as Annexure-A7).

vii. The tender for the work was invited through e-Procurement vide NIT No.48(1)/Core network/MD, APRDC/2018-19, DT:03-10-2018. In response to the bid invitation, two bidders participated and M/s I.R. Constructions, Visakhapatnam quoted (+)2.79% excess over the ECV stood L1.

viii. The then Engineer-in-Chief(R&B), SH & Managing Director, APRDC, Vijayawada accepted the lowest qualified tender of M/s IR Constructions @ (+)2.79% excess over the Estimated Contract Value of Rs.9,45,02,330/-based on common SSR of 2018-19, computing to a TCV of Rs.9,71,38,945/-for the subject work as recommended by the then Superintending Engineer, R&B Circle, Visakhapatnam and instructed to enter into agreement with the L1 bidder vide Memo No.10418/Corenet/Plan/ND Road/EE(PPP)/DEE3/AEEZ/18 Dt:20-11-2018. (Copy of the Memo is appended as Annexure-A8).

ix. Accordingly, the then Superintending Engineer (R&B) circle, Visakhapatnam concluded agreement with the lowest quoted bidder (L1) M/s I.R. Constructions, Visakhapatnam at (+)2.79% excess over the estimated rates vide agreement No.83/2018-19 Dt.04-01-2019 with date of completion of the work as 03.01.2020. (Copy of the agreement is appended as Annexure-A9).

x. The Superintending Engineer, R&B Circle, Visakhapatnam vide Lr.No.48(1)/Corenet/2018-19/ND Road/AEE2/2018, Dt:31-05-2022 addressed the Chief Engineer, (R&B), SH & Managing Director, APRDC, Vijayawada and submitted that:

a) The contractor has completed the widening and strengthening work from Km 7/4 to 8/0, Km 11/4 to 12/0, 16/0 to 17/0 & 21/0 to 25/0 along with CD works and Retaining walls. The reach from Km 8/0 to 11/4 falls in Reserve Forest Area and the proposal for Diversion of forest land to an extent of 5.20 Acres (or) 2.10 Hectares was submitted under Section-2 of Forest (Conservation) Act, 1980.

b) After careful consideration of the proposal submitted by the State Government, the Central Government issued permission for (Stage-1) approval under Section-2 of Forest (Conservation) Act, 1980 for diversion of 2.10 ha of forest land in Compartment No. 1205, 1206, 1207 & 1208 of Arilova Reserve Forest, Narsipatnam Division.

c) The Principal Chief conservator of Forests (PCCF & Head of the Forest Forces) Guntur directed the Chief Conservator of Forests, (CCF) Visakhapatnam Circle, Visakhapatnam to issue instructions to the Divisional Forest Officer, Narsipatnam to serve the Demand Notice to the user agency in the proforma communicated In Rc.No.45921/2001/FCA-4, Dt. 22-12-2017 for payment of NPV, CA etc., amounts thorough e-payment

mode.

d) Accordingly, the Divisional Forest Officer (DFO), Narsipatnam issued the demand notice vide Re. No 1965/2018-N9 dated 07-05-2022 requesting to pay Rs.45.809 lakhs.

e) The 2nd working estimate was submitted to the Chief Engineer (R&B) SH & MD. APRDC, AP duly incorporating the LS Provision of Rs.48,00,000/- towards payment to Forest Department towards NPV, Plantation at compensatory afforestation (CA) Land, standing trees extraction in RF Area, etc., as per demand notice issued by the DFO, Narsipatnam. (Copy of the letter is appended as Annexure-A10).

xi. The Contractor M/s. I.R Constructions, Visakhapatnam In their representation Dt:08-08-2022 submitted that, they have completed CD Works, Widening and BT Road for a stretch of 6.50 Km by June 2020 and the stretch from Km 8/0 to 11/00 could not be completed due to delay in obtaining permission from the Forest department and the work was stopped since two years during which aggregate rates were drastically increased by about 39% and also sand & labour charges Increased and SSR was revised four times since the work was started and more over defect liability period for the executed work was also completed and hence requested to cancel the work for smooth closure of the work agreement. (Copy of the letter is appended as Annexure-A11).

xii. The Executive Engineer (R&B), Paderu addressed vide Letter. No:ND RD/NIDA/ DEE/NRPM/2022, Dt:14-11-2022, to the Superintending Engineer (R&B), R&B Circle, Visakhapatnam and informed the following:

a) The Contractor has completed the widening and strengthening work from Km 7/4 to 8/0, Km 11/4 to 12/0, 16/0 to 17/0 & 21/0 to 25/0 along with CD works and Retaining walls. The reach from Km 8/0 to 11/4 falls under Reserve Forest Area and the Diversion of forest land to an extent of 5.20 Acres (or) 2.1 Hectares is applied under Section-2 of Forest (Conservation) Act, 1980.

b) Due to delay in permission from the forest authorities, the subsisting contractor has put in representation that, the work is sanctioned with SSR 2018-19 and after sanction of the estimate, the SSR has changed Four times and further the Contracting Agency has stated that, there is huge variation in the rates as per the current SSR and the sanctioned estimate rates. Except the reach in RF, the Contracting Agency has completed and the defect liability period was also over. Hence the Contracting Agency had requested for pre closure of the work.

c) The reach from Km 8/0 to 11/4 is very badly damaged due to single lane and several accidents took place and the people are facing inconvenience due to bad stage of road. Except this stretch, rest of the reaches are widened to double lane and are in good surface. There were several "DHARNAS" took place to rectify the road and make it motorable. The local people and the public representatives are pressing to take up widening at the earliest so as to avoid accidents. In this connection, the Agency was issued notice to expedite the work duly informing that, failing which, the balance part of the work will be entrusted to the other Agency under clause 60C of PS to APDSS.

d) Further, the Agency M/s I.R. Constructions, Visakhapatnam has not responded to the notice even after lapse of more than seven days. Hence, the balance work was withdrawn from the scope of original agreement under Clause 60 (C) of APDSS and to entrust the balance work to the eligible contractor on nomination basis to complete

the work as it is of urgent nature.

e) After several persuasions by the Higher Authorities, one registered contractor M/s K.S.R.& Company, Ravulapalem has agreed to take up the balance work at agreement rates. As per the Instructions of the higher authorities, the working estimate was prepared with PART-A work done by the Original Contractor and PART-B for the balance quantity to be executed.

f) In view of the urgency to take up the work to avoid further accidents on this road, the nomination proposal in favour of M/s K.S.R. & Company Ravulapalem, Special Class registered contractor was obtained.

g) Requested the SE (R&B) to approve the nomination proposals of M/s K.S.R. & Company Ravulapalem, Special Class Civil contractor for Rs.4,87,69,000/- to take up the work and complete it on urgent basis. (Copy of the letter is appended as Annexure-A12).

xiii. The Superintending Engineer, R&B Circle, Visakhapatnam addressed vide Letter No.48(1)/Corenet/2018-19/ND Road/AEE2/2018 dt.21-11-2022 to the Chief Engineer (R&B)SH & MD, APRDC, Vijayawada and submitted the working estimate along with nomination proposals in favour of M/s K.S.R & Company, Special Class Contractor to entrust the balance work at agreement rates duly terminating the work under clause 60C of PS to APDSS for favour of approval duly informing that, the working estimate has been prepared with original agreement rates which was arrived to Rs. 1239.37 lakhs against the working estimate sanctioned for Rs.1215.00 lakhs and the additional amount is exclusively due to hike in the GST from 12% to 18%. (Copy of the letter is appended as Annexure-A13).

xiv. In turn, the Chief Engineer, R&B, SH & Managing Director, APRDC, Vijayawada vide.Memo.No.011221/SH/APRDC/PD/RDC/EE(PPP)/DEE1/AEE2/2021-22 /VSKP/PLAN/ND Road Dt:20-12-2022, has informed that, the Executive Engineer shall have the right to give any part of the work to any other contractor at his discretion in order to maintain the rate of progress and Superintending Engineer has to ratify the action taken by Executive Engineer. (Copy of the Memo Dt:20-12-2022 is appended as Annexure-A14).

xv. The Executive Engineer, R&B Division, Paderu vide Lr.No.ND Road/Sub Estimate & Nomination/PDR/ATO/2023 Dt:24-06-2023 to the Superintending Engineer, R&B Circle, Visakhapatnam has requested to approve the Sub-Estimate for Rs.115.06 lakhs to take up the part of the balance work which requires immediate entrustment to the eligible contractor to avoid any further accidents. Further requested to approve the nomination proposal in favour of M/s K.S.R. & Company, Ravulapalem, Special Class Contractor for Rs.83,99,631/- to complete the leftover work in view of urgency and to save further delay. (Copy of the letter is appended as Annexure-A15).

xvi. In turn, the Superintending Engineer, R&B Circle, Visakhapatnam vide Proceedings No.48(1)/Corenet/2018-19/ND Road/AEE2/2018 Dt:26- 06-2023 has approved the nomination proposals recommended by the Executive Engineer, R&B Division, Paderu in favour of M/s K.S.R..& Company, Contractor to carry out the work ""Widening and Strengthening of Narsipatnam-Devipatnam road from km 8/0 to 9/6 in Visakhapatnam District at original agreement rates at Rs.1,08,79,000/- (Rupees One Crore Eight Lakhs and Seventy Nine Thousand only) in anticipation of the approval of the working estimate (i.e. Part A & Part B Estimate) by the Chief Engineer(R&B) SH & MD, APRDC and requested to proceed with the payments only after approval of the working estimate. (Copy of the Proceedings is appended as Annexure-A16).

xvii. Simultaneously, the Superintending Engineer, R&B, Visakhapatnam vide Letter No.48(1)/Corenet/2018-19/ND Road/AEE2/2018 DL:26-06- 2023 requested the Chief Engineer, (R&D), SH & MD, APRDC Vijayawada to approve the working estimate and the nomination proposals in favour of M/s K.S.R. & Company duly entrusting the part of work withdrawn from the balance work under Clause 60(C) of PS to APDSS for Rs.1,08,79,000/- so as to entrust the remaining balance work on nomination basis in order to make the road traffic worthy. (Copy of the letter is appended as Annexure-A17).

xviii. The Chief Engineer, R&B, SH & Managing Director, APRDC, Vijayawada vide Memo.No.011221/SH/APRDC/PD/RDC/EE(PPP)/DEE1/AEEE2/2021-22/VSKP /PLAN/ND Road Dt:27-06-2023 has once again informed that, the Executive Engineer shall have the right to give any part of the work to any other Contractor at his discretion in order to maintain the rate of progress as per Clause 60(C) of PS to APDSS and Superintending Engineer has to ratify the action taken by Executive Engineer. (Copy of the Memo is appended as Annexure-A18).

xix. The Executive Engineer, R&B Division, Paderu vide Lr.No.ND Road/Sub Works/PDR/ATO/2023 Dt:28-06-2023 to the then Superintending Engineer, R&B Circle, Visakhapatnam has submitted that, the Reserve Forest Stretch from Km 8/0 to 11/4 was proposed to split into 11 Sub Works (including the already submitted Sub Work-1 for Rs.115.00 lakhs and the remaining. It is observed that, the 10 sub-works were split with an estimated cost of not more than Rs.40.00 lakhs each to bring under the purview of the Executive Engineer competency. (Copy of the letter is appended as Annexure-A19).

xx. The Chief Engineer, R&B, SH & Managing Director, APRDC, Vijayawada vide Memo No.10418/Corenet/ND Road/EE(PPP)/DEE I/AEE2/2018 Dt:25-08-2023 has approved the working estimate. (Copy of the Memo Dt:25-08-2023 is appended as Annexure-A20).

4.0 ALLEGATION-WISE V&E OBSERVATIONS:

Allegation-1: The work was divided into 11 bits as 9 Road Works and 3 Culvert works, without proper permission from the Government.

i. The Executive Engineer, ROD Division, Paderu vide Lr.No.ND Road/PDR/ATO/2023 Dt:01-12-2023 has requested to ratify the action taken by him in splitting the balance left over works Into 10 Sub Works and entrusting the same to the respective firms under Clause 60(C) of PS to APDSS so as to complete the work at the earliest. (Copy of the letter is appended as Annexure-A21).

ii. The then Superintending Engineer, R&B Circle, Visakhapatnam vide Memo No.48(1)/Corenet 2018-19/ND Road/AEE2/2018 Dt:04-12-2023 has ratified the action taken by the then Executive Engineer, R&B Division, Paderu and instructed to complete the work in all respects as per the stipulated milestones to make the road traffic worthy. (Copy of the letter is appended as Annexure-A22).

iii. The Part-B Balance work (to be executed) was split into 11 works and the details are as follows:

Sl. No	Name of the Sub Work	Sub work estimated cost Rs.in	Agreement value in Rs.	Name of the Sub contractor	Details of work

		lakhs			
1	Sub-Work 1: widening and Strengthening of Narsipatnam-Devipatnam Road from Km 8/0 to 9/ 6 in Visakhapatnam District	108.79	81,4 1,356	M/s KSR & Company, Ravulapalem, East Godavari District	Earth work, GSB 1.6KM Length, 3M Span Culvert-1
2	Sub-Work 2: widening and Stre ngthening of Narsipatnam-Devi patnam Road from 9/6 to 11/4 in Visakhapatnam District	40.00	29,35,000	M/s Solid Construction, A.Sarabavaram, Nathavaram Mandal, Visakhapatnam District.	Providing earth work, GSB Items only
3	Sub-Work 3: widening and Strengthening of Narsipatnam-Devipatnam Road from 9/6 to 11/0 in Visakhapatnam District	40.00	27,99,863	M/s Solid Construction, A.Sarabavaram, Nathavaram Mandal, Visakhapatnam District.	Providing WMM only
4	Sub-Work 4: widening and Stre- ngthening of Narsipatnam-Devipatnam Road from KM 11/0 to 11 /4 in Visakhapatnam District	38.00	27,43,773	M/s Solid Construction, A.Sarabavaram, Nathavaram Mandal, Visakhapatnam District.	Providing WMM, RSII tems, Diversion Roads:3Nos.
5	Sub-Work 5: Reconstruction of 1V of 3.00 m span RCC Slab culvert (1No. only) at KM 10/2 of Narsipatnam-Devipatnam Road in Visakhapatnam District	38.53	29,35,982	concluded	
6	Sub-Work 6: Reconstruction of 1V of 3.00 m span RCC Slab culvert (1No. only) at KM 10/4 of Narsipatnam-Devipatnam Road in Visakhapatnam District	36.82	27,91,786	Agreement to be concluded	
7	Sub-Work 7: Providing BM & BC layer to Narsipatnam-Devipatnam Road from KM 7/830-8/600 in Visakhapatnam District	39.54	30,41,727	M/s KSR & Company, Ravulapalem, East Godavari District	BM & BC
8	Sub-Work 8: Providing BM & BC layer to Narsipatnam-Devipatnam Road from KM 8/600-9/350 in Visakhapatnam District	35.55	30,04,225	M/s KSR & Company, Ravulapalem, East Godavari District	BM & BC

9	Sub-Work 9: Providing BM & BC layer to Narsipatnam-Devipatnam Road from KM 9/350-10/100 in Visakhapatnam District	38.10	29,68,454	M/s KSR & Company, Ravulapalem, East Godavari District	BM & BC
10	Sub-Work 10: Providing BM & B C layer to Narsipatnam-Devipatnam Road from KM 10/100-10/8 00 in Visakhapatnam District	35.58	27,64,157	M/s KSR & Company, Ravulapalem, East Godavari District	BM & BC
11	Sub-Work 11: Providing BM & B C layer to Narsipatnam-Devipat nam Road from KM 10/800-11/4 00 in Visakhapatnam District	30.83	23,00,921	M/s KSR & Company, Ravulapalem, East Godavari District	BM & BC (I ncluding Ea rthen Shoul ders item f or Berms)
	TOTAL AMOUNT Rs.	481.74	3,64,27,244		

WORK-WISE V&E OBSERVATIONS:

SUB WORK-1: "Widening and Strengthening of Narsipatnam-Devipatnam Road from Km 8/0 to 9/6 in Visakhapatnam District":

i. The then Superintending Engineer (R&B), Visakhapatnam has accorded technical sanction for the work viz. "Widening and Strengthening of Narsipatnam-Devipatnam Road from Km 8/0 to 9/6 in Visakhapatnam District" on 20.06.2023 under PART-B. (Copy of the Technical Sanction Estimate Abstract is appended as Annexure-A23).

ii. The major provisions in the Sub Work estimate are as follows:

1) **Road work from KM 8/0 to 9/6:**

a) Forming Embankment with side Earth by mechanical means from Km 8/0 to 9/6.

b) Forming Embankment with Borrowed useful Earth from outside Road Boundary from Km 8/0 to 9/6.

c) Construction of Granular Sub-base (GSB) Grading V from Km 8/0 to 9/6.

d) Providing Wet Mix Macadam (WMM).

2) **Reconstruction of 1V of 3.00mt span RCC slab culvert at KM 9/2:**

a) Dismantling, clearing away the existing damaged RCC Deck & clearing away the existing damaged.
b) Earthwork excavation in soils up to SDR by mechanical means & in soils Below SILL.
c) Sand filling in foundation.
d) VCC M15 Grade concrete for Footing & Raft foundation and Substructure.
e) VRCC M20 Grade for Bed Blocks & Backing walls and Deck Slab.
f) VRCC M30 Grade for wearing coat over Deck Slab.
g) Providing HYSD bars (FE-415) of different diameters.

3) Providing Cement Concrete Pillars along the Road in Reserve Forest Area from KM 8/0 to 11/400:

a) Earthwork excavation in soils for CC Pillars.
b) Providing Vibrated Cement for CC Pillars.
c) Vibrated Cement Concrete M15 Pillars in Reserve Forest.
d) Painting letters on CC Pillars of 8-10 cm size letters.

iii. The then Superintending Engineer (R&B), Visakhapatnam vide Lr.No.48(1)/Corenet/2018-19/NDRoad/AEE2/2018, Dt:26-06-2023, approved the nomination proposals in favour of M/s K.S.R. & Company at the Original Agreement Rates for Rs.1,08,79,000/- for the Sub Work: "Widening and Strengthening of Narsipatnam-Devipatnam Road from Km 8/0 to 9/6 in Visakhapatnam District", and requested the Agency to conclude the Agreement by 30-06-2023. (Copy of the letter is appended as Annexure-A24).

iv. The then Superintending Engineer (R&B), Visakhapatnam concluded the agreement with M/s KSR & Company vide L.S.C.R. Agreement No.23/2023-24, dated 16.11.2023 and the time fixed for completion was 3 months. (Copy of the Agreement is appended as Annexure-A25).

v. The Contracting Agency M/s K.S.R. Et Company has furnished the Bank Guarantee vide BG No.093311GL0023123 for an amount of Rs.2,03,600/- valid up to 29-04-2026. (Copy of the Bank Guarantee is appended as Annexure-A26).

vi. The Department obtained the Mix design for GSB (Grade-V) & WMM from the Touch stone Lab, Visakhapatnam vide Test Report No.TL/23- 24/00173-1 Dt:06-07-2023. (Copy is appended as Annexure-A27).

vii. The Quality Control wing of the R&B Department conducted field inspection on 02-12-2023 and issued QC Report vide Q.C.R.No.:VSP/AKP/12/DEE/01/1 Part, Dt:30-12-2023 with the following major remarks:

a) The WM layer was racked up and segregation of higher metal is observed at many locations for e.g. at KM 8/400. The field officers have not executed the item of Prime coat and they are requested to rectify immediately before doing prime coat.

b) It is observed that, the lateral confinement was not done simultaneously causing crushing the edges of WMM layer at some locations for e.g.: at KMB/400, 9/600 etc., the field officers are requested to execute the item of earthen shoulders immediately and get the berms compacted at OMC till the required density is achieved as per Clause 305.3.

c) The Mix design for WMM was obtained from Touchstone lab, Visakhapatnam. The Mix design for various items of work should be obtained from Soil Testing Cell at Vijayawada as per the Circular instructions of the Chief Engineer (R&B), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/ DCE / AEE1/2010, Dt:08-02-2010. The field officers are requested to adhere to the above circular instructions strictly.

d) Recovery of Rs.7,648/ was proposed from the contractor bills towards under size aggregate observed in GSB & WMM layers @ KM9 & @KM10. (Copy of the QC wing report is appended as Annexure-A28).

viii. As on date of V&E inspection, the BT layer was executed over the GSB and WMM layers. The thickness of the GSB & WMM layers was verified at KMB/350, KM8/740, KM9/400 and KM9/560 and observed shortfall in thickness of GSB layer at KM9/560. The observed thickness of the GSB Grade-V layer is as follows:

Sl.No.	Location	Specification	Thickness (in mm)		
			Recorded	Observed	Deficit
1	Ch.8/350(L/S)	GSB	200	205	0
2	Ch.8/740(R/S)		150	202	0
3	Ch.9/400(L/S)		200	212	0
	Ch.9/560(R/S)		200	183.55	16.50

Hence, an amount of Rs.1,15,614/- is proposed to be recovered from the agency towards shortfall in thickness of GSB at Km 9/560. (Copy of the Observation sheet and recovery calculation sheet are appended as Annexure-A29).

ix. The approved data for the GSB item was verified with reference to the MORT&H standard Data Book and the approved rates are found to be in order.

x. Gradation tests were conducted on GSB layer at KM8/350(L/S), KM8/740(R/S), KM9/400(L/S) & KM9/560(R/S) and observed oversize metal on the 9.5mm & 4.75mm sleves at KM 8/740(R/S). Hence, proposed recovery of Rs.227/- &Rs. 1,117/- recommended towards the same respectively. (Copy of the Observation sheet and Calculation sheet are appended as Annexure-A30).

xi. Even though the QC wing of R&B instructed to execute earthen shoulders on either side of the road to provide lateral support to the widened portion, the field officers had not complied as on to date of V&E inspection.

xii. As on date of the V&E inspection, the road work was completed without execution of the RCC Slab culvert @Km9/2 and the total value of work done is Rs.54,32,179.40/-. The necessary statutory recoveries were made from the Contractor work bills. (Copy of Bill abstract is appended as Annexure-A31).

SUB WORK-2: "Widening and Strengthening of Narsipatnam- Devipatnam Road from Km 9/6 to 11/4 in Visakhapatnam District" (Providing Earthwork & GSB Items)

i. The estimate was accorded Technical Sanction by the Executive Engineer (R&B), Paderu on 01-09-2023 for an amount of Rs.40.00 lakhs.

The main provisions in the estimate are:

a) Forming embankment with side earth.
b) Forming embankment with borrowed useful earth from outside road boundary.
c) Construction of GSB confirming to Grade-V (Table 400-2).

(Copy of the technical sanction is appended as Annexure-A32).

ii. The Executive Engineer, R&B, Paderu has concluded agreement with M/s Solid Constructions, 2-48, A.Sarabhavaram, Nathavaram Mandal, Visakhapatnam District vide Agreement No. 06/2023-24 dated 04-092023, for an amount of Rs.29,35,000/-. The time fixed for completion was 3months. (Copy of the Agreement is appended as Annexure-A33).

iii. The Department has obtained the Mix design for WMM from the Touchstone Lab, Visakhapatnam vide Test Report No.TL/23-24/00173-1 Dt:06-07-2023. Whereas, the Chief Engineer (R&B), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/DCE/AEE1/2010, Dt:08-02- 2010 has instructed that, the Mix design for various items of work should be obtained from Soil Testing Cell at Vijayawada. But the officers failed to adhere to the above circular instructions.

iv. The Quality Control wing of the R&B Department has conducted field inspection on 11-03-2024 and issued QC Report vide Q.C.R.No:VSP/PDR/03/DEE/07/14 & Part, Dt:30-03-2024 with the following major remarks:

a) Low berms(shoulders) and loose compaction was observed at Km 10/4 and the field officers were requested to fill such locations and get the berms(shoulders) compacted at OMC till the required density is achieved as per Cl.305.3.

b) A total amount of Rs.14,912/- (Rs.6,448.65/- + Rs.8462.47/-) was proposed for recovery from the contractor bills towards shortfall of thickness and undersize of metal observed in GSB layer KM10(L/S) & @KM11(R/S) respectively. (Copy of the QC report is appended as Annexure-A34).

v. As on date of VGE Inspection, the work was completed. The thickness of the GSB Grade-V layer was verified in the widened portion of the road at KM9/720(L/S), KM10/060(R/S), KM10/740(L/S) & KM11/180(R/S) and found to be fairly tallied with the recorded measurements. (Copy of the field observation sheet is appended as Annexure-A35).

vi. The approved data for the WMM item was verified with reference to the MoRT&H standard Data Book and the approved rates are found to be in order.

vii. Gradation tests were conducted on the GSB layer at KM9/720(L/S), KM 10/060(R/S), KM10/740(L/S) & KM11/180(R/S) and observed oversize of metal on 9.5mm & 4.75mm sieves at KM10/060. Hence, proposed recovery of Rs.695/-& Rs.661/- towards the same respectively. (Copy of the Observation sheet and Recovery Calculation sheet are appended as Annexure-A36).

viii. Even though the QC wing of R&B instructed regarding the execution of earthen shoulders on either side of the road to provide lateral support to the widened portion, the field officers had not complied as on date of V&E inspection.

ix. As on date of inspection, the total value of work done is Rs.26,15,732.04/-. The necessary statutory recoveries were made from the Contractor work bills. (Copy of Bill abstract is appended as Annexure- A37).

SUB WORK-3: "Widening and Strengthening of Narsipatnam- Devipatnam Road from Km 9/6 to 11/0 in Visakhapatnam District" (Providing WMM only).

i. The estimate was accorded Technical Sanction by the Executive Engineer (R&B), Paderu on 14-09-2023 for an amount of Rs.40.00 lakhs. The main provision in the estimate is "Providing, laying, spreading and compacting WMM". (Copy of the estimate is appended as Annexure- A38).

ii. The Executive Engineer (R&B), Paderu concluded agreement with M/s Solid Constructions, 2-48, A.Sarabhavaram, Nathavaram Mandal, Visakhapatnam District vide Agreement No. 08/2023-24 for an amount of Rs.27,99,863/- and handed over the site to the Contracting Agency on 16-09-2023. The time fixed for completion was three months. (Copy of the Agreement is appended as Annexure-A39).

iii. The approved data for the work items is verified with reference to the MORTH standard Data Book and the approved rates are found to be in order.

iv. The Department has obtained the Mix design for WMM from the Touchstone Lab, Visakhapatnam vide Test Report No.TL/23-24/00173-1 Dt:06-07-2023, Whereas, the Chief Engineer (R&B), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/DCE/AEE1/2010, Dt:08-02- 2010 has instructed that, the Mix design for various Items of work should be obtained from Soil Testing Cell at Vijayawada. But the officers failed to adhere to the above circular Instructions. (Copy is enclosed as Annexure-A40).

v. The Quality Control wing of the R&B Department has conducted field inspection on 11-03-2024 and issued QC Report vide Q.C.R.No:VSP/PDR/03/DEE/08/1 & Part, Dt:30-03-2024 with the following major remarks:

a) Low berms and loose compaction was observed at Km 10/4 and the field officers were requested to fill such locations and get the berms compacted at OMC till the required density is achieved as per Cl.305.3.

b) A total amount of Rs.18,433/-(Rs.11,207.09 Rs.7,225.91/-) was proposed for recovery from the contractor bills towards under size metal observed in WMM layer in 11.2mm sieve and towards shortage of thickness in WMM layer respectively.

(Copy of the QC Report is appended as Annexure-A41).

vi. As on date of the V&E inspection, the work was completed. The thickness of the WMM layer was verified in the widened portion of the road at KM9/720(L/S), KM10/060(R/S) & KM10/740(L/S) and found to have fairly tallied with the recorded measurements. (Copy of the field observation sheet is appended as Annexure-A42).

vii. Gradation tests were conducted on WMM layer at KM 9/720(L/S), KM 10/060(R/S) & KM 10/740(L/S) and observed undersize aggregate on 22.4mm, 11.2mm & 4.75mm sieves at KM9/720(L/S). Hence, proposed recovery of Rs.598/, Rs.2,496/- & Rs.3,268/- towards the same is recommended from the Contractor work bills respectively. (Copy of the Observation sheet and Recovery Calculation sheet are appended as Annexure-A43).

viii. As on date of the V&E inspection, the total value of work done is Rs.26,40,051.58/. The necessary statutory recoveries were made from the Contractors bills. (Copy of Bill abstract is appended as Annexure- A44).

SUB WORK-4: "Widening and Strengthening of Narsipatnam- Devipatnam Road from Km 11/0 to 11/4 in Visakhapatnam District" (Providing WMM, RSI items, Diversion Roads).

i. The estimate was accorded Technical Sanction by the Executive Engineer (R&B), Paderu on 28-09-2023 for an amount of Rs.40.00 Lakhs. the major provisions in the estimate are:

a) Providing, laying, spreading and compacting WMM specification.

b) RSI items, temporary diversion roads at Km 9/2, 10/2 & 10/4.

(Copy of the technical sanction is appended as Annexure-A45).

ii. The Executive Engineer (R&B), Paderu concluded agreement with M/s Solid Constructions, 2-48, A.Sarabhavaram, NathavaramMandal, Visakhapatnam District vide Agreement No. 14/2023-24, dated 06-10- 2023. The time fixed for completion of work was three months. (Copy of the Agreement is appended as Annexure-A46).

iii. It is observed that, the Inspector of Police vide certificate Dt:16-08- 2022 has informed that, fatal road accidents were occurred in the Reserve Forest Stretch from km 8/0 to 11/5 wherein in Crime No.25/2018 U/S304(A), 279 IPC of Golugonda P.S., one Constable, one Home Guard was died at Jillelapudi Jn. Km8/6 due to hit of an RTC Bus coming from Yeleswaram towards Narsipatnam. He further informed that, so many road accidents are occurring in the Reserve Forest Stretch of road resulting injuries due to collision of Motor Cycles. In this regard, requested the R&B Department to take up the Road Widening work and repair the road to save the lives of public. (Copy of the Certificate is enclosed as Annexure-A47).

iv. Though the provision of Road Safety Interventions item was made in the Agreement, but not taken up till to date.

v. The Department has obtained the Mix design for WMM from the Touchstone Lab, Visakhapatnam vide Test Report No.TL/23-24/00173-1 DL:06-07-2023. Whereas, the Chief Engineer (RGB), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/DCE/AEE1/2010, Dt:08-02- 2010 has Instructed that, the Mix design for various items of work should be obtained from Soll Testing Cell at Vijayawada. But the officers failed to adhere to the above circular instructions. (Copy is enclosed as Annexure-A48).

vi. The Quality Control wing of the R&B Department has conducted field inspection on 11-03-2024 and issued QC Report vide Q.C.R.No.: VSP/PDR/03/DEE/09/14 Part, Dt:30-03-2024 and a total amount of Rs.7,265/-(Rs.4,710 Rs.2,555/-) was proposed for recovery from the contractor bills towards shortfall in thickness @ Km11/270 and under size metal observed in WMM layer in 11.2 sieve in Km12. (Copy of the QC report is appended as Annexure-A49).

vii. Though the work was taken up between the chainages KM 11/0 to 11/4, the temporary diversion roads at chainages KM 9/2, 10/2 & 10/4 were also included in the sanctioned estimate. As on date of VEE inspection, the execution of the WMM item was completed. Whereas, the RSI Items and the temporary Diversion roads at Km 9/2, 10/2 & 10/4 were not taken up.

viii. The V&E has verified the thickness of WMM layer at KM 11/180 in the widened portion of the road and found to have fairly tallied with the recorded measurements. The Gradation tests were conducted on WMM layer at KM11/180(R/S) and the results revealed that the limits are within the specified range. (Copy of the Observation sheet is appended as Annexure-A50).

ix. As on date of V&E inspection, the total value of work done was Rs.5,88,857/-and necessary statutory recoveries were affected from the Contractor's work bills. (Copy of Bill abstract is appended as Annexure- A51).

SUB WORK-5: Reconstruction of 1V of 3.00 m span RCC Slab culvert (1No. only) at KM 10/2 of Narsipatnam- Devipatnam Road in Visakhapatnam District.

It is observed that, the Department has not entrusted the above work to any agency, nor concluded any agreement.

SUB WORK-6: Reconstruction of 1V of 3.00 m span RCC Slab culvert (1No. only) at KM 10/4 of Narsipatnam- Devipatnam Road in Visakhapatnam District.

It is observed that, the Department has not entrusted the above work to any agency, nor concluded any agreement.

SUB WORK-7: Providing BM & BC layer to Narsipatnam-Devipatnam Road from KM 7/830-8/600 & Culvert approaches at Km 11/4-6 and from 16/4-6 In Visakhapatnam District.

i. The estimate was accorded Technical Sanction by the Executive Engineer (R&B), Paderu on 20-10-2023 for an amount of Rs.40.00Lakhs, the major provisions in the estimate are as follows:

a) Providing and laying of 50mm thick BM layer.

b) Providing 30mm thick compacted BC layer.

c) Culvert approaches at Km 11/4-6 & 16/4-6 in bits with BM &BC layers.

(Copy of the estimate is appended as Annexure-A52).

ii. The Executive Engineer (R&B), Paderu concluded agreement with M/s K.S.R. & Company, Ravulapalem, East Godavari District vide Agreement No. 15/2023-24, and handed over the site to the Contracting Agency on 23-10-2023. The time fixed for completion of work was 3months i.e. up to 22-01-2024. (Copy of the Agreement is appended as Annexure-A53).

iii. The approved data for the BM was verified with reference to the MORTH standard Data Book and the approved rates were found to be in order.

iv. The Department has obtained the Mix design for BM & BC from the Touchstone Lab, Visakhapatnam vide Test Report No.TL/23-24/00212-1 Dt:27-07-2023 & Test Report No.TL/23-24/00212- Dt:27-07-2023 respectively. (Copy of the Mix design is appended as Annexure-A54).

v. The Quality Control wing of the R&B Department has conducted field inspection on 21-06-2024 and issued QC Report vide Q.C.R.No.: VSP/PDR/06/DEE/03/1 & Part, Dt:27-06-2024 with the following major remarks:

a) A total amount of Rs.49,010/-(Rs.7,191.15/-+Rs.41,818.07/-) was proposed for recovery from the contractor bills towards less usage of bitumen in BM &BC layers.

b) The Chief Engineer (R&D), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/DCE/AEE1/2010, Dt:08-02-2010 has Instructed that, the Mix design for various items of work should be obtained from Soil Testing Cell at Vijayawada. (Copy of the QC report is appended as Annexure-A55).

vi. As on date of VEE inspection, the execution of the BMLBC layers from km 7/830 to 8/600 was completed. Whereas, the culvert approaches at Km 11/4-6 and Km16/4-6 were not taken up.

vii. The width of the carriage way and the thickness of the BC layer were verified at KM7/905, KM8/350 & KMB/550 and found to have fairly tallied with the recorded measurements. (Copy of the field observation sheet is enclosed as Annexure-A56).

viii The thickness of the BM layer was verified at KM 7/905, KM 8/350 & KM 8/550 and observed shortfall in thickness at Km7/905. An amount of Rs.43,397/- was proposed for recovery from the contractor's work bills towards the same. The details are as

follows:

Sl.No.	Location	Specification	Thickness (in mm)		
			Recorded	Observed	Deficit (in mm)
1	Km7/905	BM	50	47	3

Copy of the field observation sheet & recovery calculation sheet are appended as Annexure-A57).

ix. The services of the QA&QC Sub Division, Panchayat Raj Department, Narsipatnam were utilised for collection of BT samples at KM7/905, KM8/350 & KM8/550 and BT extraction tests were conducted in the PR QC lab, Visakhapatnam in the presence of the department officials.

a) The test results revealed that, there is less usage of bitumen in the BM layer at KM7/905 and an amount of Rs.87,779/- was proposed as recovery from the contractor's work bills towards the same. The observation details are as follows:

Sl.No.	Location	Specification	Specified		
			Required	Observed	Deficit
1	Km7/905	BM	3.4%	2.54%	0.86%

b) The test results revealed less usage of bitumen content in the BC layer at KM8/350 & KM8/550 and an amount of Rs.1,27,643/- was proposed as recovery from the contractor's bills towards the same. The observation details are as follows:

Sl.No.	Location	Specification		Specified		
			Required	Observed	KM average	Deficit
1	KM 8/350	BC	5.4%	4.37%	5.07%	0.33%
2	KM 8/550			5.77%		

(Copy of the field observation sheet it recovery calculation sheet are appended as Annexure-A58).

x. As on date of the VBE Inspection, BT road work from Km7/830 to 8/600 was completed, but the bill was not recommended for payment.

SUB WORK-8: Providing BM & BC layer to Narsipatnam - Devipatnam Road from KM 8/600-9/350 in Visakhapatnam District.

i. The estimate was accorded Technical Sanction by the Executive Engineer (R&B), R&B Division, Paderu on 27-10-2023 for an amount of Rs.38.55Lakhs. The major provisions in the estimate are as follows:

a) Providing and laying of 50mm thick BM layer.

b) Providing 30mm thick compacted BC layer.

(Copy of the Abstract Estimate is appended as Annexure-A59).

ii. The Executive Engineer (R&B), Paderu concluded agreement with M/s K.S.R. & Company, Ravulapalem, East Godavari District vide Agreement No. 16/2023-24, and handed over the site to the Contracting Agency on 30-10-2023. The period of agreement was 3months l.e., up to 29-012024. (Copy of the Agreement is appended as Annexure-A60).

iii. The approved data for the BC was verified with reference to the MoRTH standard Data Book and the approved rates were found to be in order.

iv. The Executive Engineer, R&B, Paderu has sanctioned the E.O.T up to 30-09-2024 without LD's vide Memo No.EOT/ND Road/2022/2023/A3/2023, Dt:29-01-2024. (Copy of the Memo is appended as Annexure-A61).

v. The Department has obtained the Mix design for BM & BC from the Touchstone Lab, Visakhapatnam vide Test Report No.TL/23-24/00212-1 Dt:27-07-2023 & Test Report No. TL/23-24/00212- Dt:27-07-2023 respectively. (Copy is enclosed as Annexure-A62).

vi. The Quality Control wing of the R&B Department has conducted field inspection on 21-06-2024 and issued QC Report vide Q.C.R.No.: VSP/PDR/06/DEE/04/1 Part, Dt:27-06-2024 with the following major remarks:

a) A total amount of Rs.51,745/-(Rs.8,989 Rs.42,756 for BM & BC respectively) was proposed as recovery from the contractor bills towards less usage of bitumen in BM &BC layers respectively.

b) The Chief Engineer (R&B), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/DCE/AEE1/2010, Dt:08-02-2010 has instructed that, the Mix design for various items of work should be obtained from Soil Testing Cell at Vijayawada. (Copy of the QC Report is appended as Annexure-A63).

vii. The width and thickness of the BM & BC layers were verified at KM 8/740 EL KM 9/280 and found to have fairly tallied with the recorded measurements. (Copy of the field observation sheet are appended as Annexure-A64).

viii. The services of the QA & QC Sub-Division, Panchayat Raj Department, Narsipatnam were utilised for collection of BT samples at KM 8/740 & KM 9/280. BT extraction tests were conducted in the PR QC lab, Visakhapatnam in the presence of the department officials. The test results revealed that, sufficient quantity of bitumen utilized in BM & BC layers. (Copy of the test results are appended as Annexure-A65).

ix. As on date of the VEE inspection, BT road work from Km 8/600 to 9/350 was completed, but the bill was not recommended for payment.

SUB WORK-9: Providing BM & BC layer to Narsipatnam-Devipatnam Road from KM 9/350-10/100 in Visakhapatnam District.

i. The estimate was accorded Technical Sanction by the Executive Engineer (R&B), Paderu on 07-11-2023 for an amount of Rs.38.10 lakhs. The major provisions in the estimate are as follows:

a) Providing and laying of 50mm thick BM layer.

b) Providing 30mm thick compacted BC layer.

(Copy of the Abstract Estimate is appended as Annexure-A66).

ii. The Executive Engineer (R&B), Paderu concluded agreement with M/s

K.S.R. & Company, Ravulapalem, East Godavari District vide Agreement. No. 24/2023-24, and handed over the site to the Contracting Agency on 09-11-2023. The period of agreement was 3months l.e. up to 08-022024. (Copy of the Agreement is appended as Annexure-A67).

iii. The Department obtained the Mix design for BM & BC from the Touchstone Lab Visakhapatnam vide Test Report No.TL/23-24/00212-1 Dt:27-07-2023 & Test Report No.TL/23-24/00212- Dt:27-07-2023 respectively. (Copy enclosed as Annexure-A68).

iv. The Quality Control wing of the R&B Department has conducted field inspection on 21-06-2024 and issued QC Report vide Q.C.R.No.: VSP/PDR/06/DEE/05/1 Part, Dt:27-06-2024 with the following major remarks:

a) A total amount of Rs.57,999/-(Rs.7,817/- Rs.50,182/-) was proposed for recovery from the contractor bills towards less usage of bitumen in BM &BC layers respectively.

b) The Chief Engineer (R&B), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/DCE/AEE1/2010, Dt:08-02-2010 has instructed that, the Mix design for various items of work should be obtained from Soil Testing Cell at Vijayawada. (Copy of the QC Report is appended as Annexure-A69).

v. The width of the carriage way and the thickness of the BM & BC layers were verified at KM 9/400, KM 9/720 & KM 10/060 and found to have fairly tallied with the recorded measurements. (Copy of the field observation sheet are appended as Annexure-A70).

vi. The services of the Panchayat Raj Department, QA & QC Sub-Division, Narsipatnam were utilised for collection of BT samples at KM 9/400, km 9/720 & KM 10/060. BT extraction tests were conducted in the PR QC lab, Visakhapatnam in the presence of the departmental officials.

The test results revealed that, the bitumen quantity used for BM layer was within the specified limits and deficit quantity of bitumen observed in BC layer at KM 10/060 and an amount of Rs.18,212/- was proposed as recovery from the contractor's bills towards the same. The observation details are as follows:

Sl.No.	Location	Specification	Specified		
			Required	Observed	Deficit
1	Km10/060	BC	5.4%	4.93%	0.47%

(Copy of the field observation sheet & recovery calculation sheet are appended as Annexure-A71).

vii. As on date of the VLE inspection, BT road work from Km 9/350 to 10/100 was completed, but the bill was not recommended for payment.

SUB WORK-10: Providing BM & BC layer to Narsipatnam- Devipatnam Road from KM 10/100-10/800 in Visakhapatnam District.

i. The estimate was accorded Technical Sanction by the Executive Engineer, R&B, Paderu on 15-11-2023 for an amount of Rs.35.58 lakhs. The major provisions in the estimate are as follows:

a) Providing and laying of 50mm thick BM layer.

b) Providing 30mm thick compacted BC layer.

(Copy of the Abstract Estimate is appended as Annexure-A72).

ii. The Executive Engineer (RGB), Paderu concluded agreement with M/s K.S.R. & Company, Ravulapalem, East Godavari District vide Agreement No. 25/2023-24, and handed over the site to the Contracting Agency on 17-112023. The period of agreement was 3months i.e. up to 16-02-2024. (Copy of the Agreement is appended as Annexure-A73).

iii. The Department has obtained the Mix design for BM & BC from the Touchstone Lab, Visakhapatnam vide Test Report No.TL/23-24/00212-1 Dt:27-07-2023 Test Report No.TL/23-24/00212- Dt:27-07-2023 respectively. (Copy is enclosed as Annexure-A74).

iv. The Quality Control wing of the R&B Department has conducted field inspection on 22-06-2024 and issued QC Report vide Q.C.R.No.: VSP/PDR/06/DEE/06/1™ & Part, Dt:27-06-2024 with the following major remarks:

a) A total amount of Rs. 14,070/-(Rs.11,569/- Rs.2501/-) was proposed as recovery from the contractor bills towards less usage of bitumen in BM &BC layers respectively.

b) The Chief Engineer (R&B), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/ DCE/AEE1/2010, Dt:08-02-2010 has instructed that, the Mix design for various items of work should be obtained from Soil Testing Cell at Vijayawada. (Copy of the QC Report is appended as Annexure- A75).

v. The width of the carriage way and the thickness of the BM ft BC layers were verified at KM10/280 & KM10/740 and found to have fairly tallied with the recorded measurements. (Copy of the field observation sheet are appended as Annexure-A76).

vi. The services of the Panchayat Raj Department, QA&QC Sub-Division, Narsipatnam were utilised for collection of BT samples at KM 10/280 & KM 10/740. BT extraction tests were conducted in the PR QC lab, Visakhapatnam in the presence of the departmental officials. The test results were found to be within the limits of specified range. (Copy of the field observation sheet are appended as Annexure-A77).

vii. As on date of the V&E Inspection, BT road work from Km 10/100 to 10/800 was completed, but the bill was not recommended for payment.

SUB WORK-11: Providing BM & BC layer to Narsipatnam- Devipatnam Road from KM 10/800 to 11/400 in Visakhapatnam District.

i. The estimate was accorded Technical Sanction by the Executive Engineer, R&B, Paderu on 23-11-2023 for an amount of Rs.30.83 lakhs. The major provisions in the estimate are as follows:

a) Providing and laying of 50mm thick BM layer.

b) Providing 30mm thick compacted BC layer.

c) Forming shoulders with borrowed useful selected earth.

d) DGPS survey regarding forest clearance from Govt. of India.

(Copy of the Abstract Estimate is appended as Annexure-A78).

ii. The Executive Engineer (R&B), Paderu concluded agreement with M/s K.S.R. & Company, Ravulapalem, East Godavari District vide Agreement No. 26/2023-24, and handed over the site to the Contracting Agency on 28-11-2023. The period of agreement was 3months i.e. up to 27-022024. (Copy of the Agreement is appended as Annexure-A79).

iii. The Department has obtained the Mix design for BM It DC from the Touchstone Lab, Visakhapatnam vide Test Report No.TL/23-24/00212-1 Dt:27-07-2023 G Test Report No.TL/23-24/00212- Dt:27-07-2023 respectively. (Copy is enclosed as Annexure-A80).

iv. The Quality Control wing of the R&B Department has conducted field inspection on 22-06-2024 and issued QC Report vide Q.C.R.No.: VSP/PDR/06/DEE/07/1" & Part, Dt:27-06-2024 with the following major remarks:

a) A total amount of Rs.72,772/- (Rs.13,209.82/- Rs.59,561.44/-) was proposed as recovery from the contractor bills towards less usage of bitumen in BM GBC layers respectively.

b) The Chief Engineer (R&B), Quality Control, Hyderabad vide Circular Memo No.38/CEQC/DCE/AEE1/2010, Dt:08-02-2010 has instructed that, the Mix design for various items of work should be obtained from Soil Testing Cell at Vijayawada. (Copy of the QC Report is appended as Annexure-A81).

v. The width of the carriage way and the thickness of the BM & BC layers were verified at KM 10/950 & KM 11/180 and found to have fairly tallied with the recorded measurements. (Copy of the field observation sheet are appended as Annexure-A82).

vi. The services of the Panchayat Raj Department, QA&QC Sub-Division, Narsipatnam were utilised for collection of BT samples at KM 10/950 & KM 11/180. BT extraction tests were conducted in the PR QC lab, Visakhapatnam in the presence of the departmental officials.

The test results revealed that, the bitumen quantity used in BM layer is within the specified limits and deficit quantity of bitumen is observed in BC layer at KM 10/950 and an amount of Rs.67,300/- was proposed as recovery from the bills of the contractor towards the same. The observation details are as follows:

Sl.No.	Location	Specification	Specified		
			Required	Observed	Deficit
1	Km10/950	BC	5.4%	4.12%	0.87%

(Copy of the field observation & recovery calculation sheet are appended as Annexure-A83).

vii. As on date of the VLE Inspection, BT road work from Km 10/800 to 11/400 was completed, but the bill was not recommended for payment.

CONCLUSION:

The Executive Engineer, R&B, Paderu vide Lr.No.ND Road/Sub works/ PDR/ ATO/ 2023 Dt:28-06-2023 has submitted to the Superintending Engineer, that, the Balance work to be done under Part-B was divided into 11 sub works with an ECV of Rs.481.74 including the sub work-1.

The then Superintending Engineer, R&B Circle, Visakhapatnam vide Memo No.48(1)/Corenet 2018-19/ND Road/AEE2/2018 Dt:04-12- 2023 has ratified the action taken by the then Executive Engineer, R&B Division, Paderu and instructed to complete the work in all respects as per the stipulated milestones to make the road traffic worthy.

Hence, the allegation that the work was divided into 11 bits as 9 Road Works and 3 Culvert works, without proper permission is found to be not substantiated.

Allegation No. 2: Road work was completed without construction of 3 Culverts.

The Executive Engineer, R&B, Paderu vide Lr.No.ND Road/Sub works/PDR/ ATO/ 2023 Dt:28-06-2023 has submitted to the Superintending Engineer, in which, the Balance work to be done under Part-B were divided into 11 sub works. In which, three Culverts Km 9/2, 10/2 & 10/4 were proposed in the Sub Work-1, Sub Work-5 & Sub Work-6 respectively. Out of which the Executive Engineer has not concluded agreement for Sub Work-5 & Sub Work-6. For the Sub Work-1, the Superintending Engineer has concluded the Agreement, which includes the culvert @ Km 9/2. The Department Officials have stated that, the removal of big teak trees and some other species of trees lying on the alignment of the diversion road and the necessary amount for the demand raised by the Forest department was paid towards removal of such trees. Soon after removal of the trees lying in the alignment of diversion roads, the culverts will be executed.

COMMENT: No lapse was found on part of departmental officials.

Allegation No.3: The Road was lald without shoulders on both sides.

i. The provision for "Forming shoulders with Borrowed Useful Selected Earth having MDD of not less than 1.75 gms/cc from outside road boundary to meet requirement of table 300-2 of MORTEH for finished item of work as per MORT&H specification 305(5th revision) was made in the Sub Work-11.

ii. The departmental QC wing vide reports Q.C.R.No.VSP/AKP/12/DEE/01/1, Dt:30-12-2023,Q.C.R.No.VSP/PDR/03/DEE/07/1 & Part, Q.C.R.No.VSP/ PDR/03/DEE /08/1 & Part, Q.C.R.No.VSP/PDR/03/DEE/09/1 & Part, Dt:30-03-2024 has pointed out that, low berms and loose compaction is observed at some locations for example Km9/4, 10/4, 11/2 and requested to execute the berms compacted to OMC as per Clause 305.3 of MoRT&H specification.

COMMENT: Shoulders were executed by the department and Q.C. officials pointed out certain remarks on the quality of work and requested the construction staff to rectify the same.

Allegation No.4: The bitumen used is of inferior quality.

i. It is found that, the Quality Control wing was not informed by the field officers prior to the execution of Bitumen to assess the quality of the Bitumen.

ii. The quality of the bitumen used could not be verified after completion of work, as the Bitumen was mixed with aggregate and laid as BM and BC layers. For extraction of the BT content from the collected samples of the BT Road to verify the quantity of the BT used, liquid benzene was used. Though, the Bitumen was extracted from the BT samples, it is a mix of benzene and Bitumen and it is used to verify the quantity of the Bitumen only. Hence, the quality of the BT used could not be assessed at this juncture.

iii. With regard to the subject work, the V&E conducted BT quantity assessment and the results were found to be within the permissible limits with recovery vide Circular Memo No.12582/Vig.1/1/2005-1, Dt: 1710-2006 of R&B Department. Hence, the allegation is found to be not substantiated.

Allegation No.5: Neither the SE/EE/DY.EE/AE concerned supervised the works, nor did they check the sub-standard road work being executed.

It is found that the AE/DEE/EE/SE concerned have recorded the work done measurements and check measured as per the Codal Rules in vogue, Hence, the allegation is found to be not substantiated.

Allegation No.6: The concerned Q.C. Wing recommended for recovery of Rs.2,93,854/- from the Contractor towards deficiencies in quality and the action on this is not yet Initiated by the S.E.. R&B, Visakhapatnam.

i. The details of Contractor Work Bills submitted for payment and the QC Inspections & Reports.

Sub Work No.	Date of Bill submission for payment	Date of QC Wing inspection	Date of Submission of QC Report	Recovery proposed by Q.C. Wing
1	30-11-2023	02-12-2023	30-12-2023	Rs.7,648/-
2	30-11-2023	11-03-2024	30-03-2024	Rs.14,912/-
3	30-11-2023	11-03-2024	30-03-2024	Rs.18,433/-
4	14-12-2023	11-03-2024	30-03-2024	Rs.7,265/-
7	Bills not recommended for payment	21-06-2024	27-06-2024	Rs.49,010/-
8		21-06-2024	27-06-2024	Rs.51,745/-
9		21-06-2024	27-06-2024	Rs.57,999/-
10		22-06-2024	27-06-2024	Rs.14,070/-
11		22-06-2024	27-06-2024	Rs.72,772/-
Total				**Rs.2,93,854/-**

ii. From the above, it is found that, the recovery amount proposed by the Departmental QC wing could not be effected as the Contractor's work bills for the Sub Works 1 to 4 were recommended for payment before QC inspection and the bills for the Sub Works 7 to 11 were not recommended for payment till date. Hence, the allegation is found to be not substantiated.

The Q.C. officials inspected the works and proposed recovery for an amount of Rs.2,93,854/- for the shortfall in the works.

5.0 VERSION OF THE OFFICERS:

Version of Sri M.S.V.G.Prasad, the then AEE, K.D.Peta Section, Narsipatnam Sub Division, Anakapalli District. (Copy of the statement is enclosed as Statement-52):

The aforesaid officers deposed their versions on similar lines as follows:

The aforesaid officer stated that the culverts at Km 9/2, 10/2 & 10/4 will be executed soon after the removal of the big teak trees and some other species of trees lying on the alignment of the diversion road as the necessary amount for the demand raised by the Forest department was already paid towards removal of such trees.

All necessary road safety precautions were provided at the locations in the working reach as per the necessity. No untoward incidents/ no collisions happened in the work site during execution. Permanent road safety intervention (RSI) items such as mandatory, informatory boards and center line marking will be provided soon after completion of the work.

No work bills were paid to the contracting agencies after the receipt of the QC report. The recovery amount of Rs.2,93,854/- proposed by the QC wing will be recovered from the next running bills of the contracting agencies. However, if any recovery proposed by the Vigilance & Enforcement Department, the same amount will also be deducted from the further work Bills of the contractors.

Rebuttal:

The officers recommended payment for the works executed with substandard quality of work amounting to Rs.4,65,739/-. Hence, the version of the officer is not convincing and not acceptable.

Hence the charges.

MOVVA TIRUMALA KRISHNA BABU
SPECIAL CHIEF SECRETARY TO GOVERNMENT

//FORWARDED::BY ORDER//

SECTION OFFICER